

1000WL - 1000 WATT H P S V L	-	48CORR - 48 END SEC CORR	
100WL - 100 WATT H P S V L	-	48ESEC - 48 END SEC CONCRETE	
150WL - 150 WATT H P S V L	<b>—</b>	50WL - 50 WATT H P S V L	_
15ESEC - 15 END SEC CONCRETE		54ESEC - 54 END SEC CONCRETE	
175WL - 175 WATT H P S V L		60ESEC - 60 END SEC CONCRETE	
18CORR - 18 END SEC CORR	◁	700WL - 700 WATT H P S V L	-
18ESEC - 18 END SEC CONCRETE		70WL -70 WATT H P S V L	-\$
200WL - 200 WATT H P S V L	-	ANLSMP - ANALYZED SAMPLE	
24CORR - 24 END SEC CORR		ARPNCT - ARROW PANEL CAUTION MODE	<b>O</b>
24ESEC - 24 END SEC CONCRETE		ARPNDL - DOUBLE DIRECTION ARROW PAN	$\overline{\Leftrightarrow}$
250WL - 250 WATT H P S V L	-	ARPNLF - LEFT DIR ARROW PANEL	<del></del>
30CORR - 30 END SEC CORR		ARPNRI - RIGHT DIR ARROW PANEL	ightharpoons
30ESEC - 30 END SEC CONCRETE		ARPNTR - TRUCK MOUNTED ARROW PANEL	
30RISE - 30 INCH RISER	0	ATTM - TRUCK MOUNTED ATTENUATOR	
310WL - 310 WAT H P S V L	<b>—</b>	BARTY1 - TYPE   BARRICADE	I
35WL - 35 WATT H P S V L	<b>—</b>	BARTY2 - TYPE II BARRICADE	
36CORR - 36 END SEC CORR		BARTY3 - TYPE III BARRICADE	
36ESEC - 36 END SEC CONCRETE		BK2BKS - BACK TO BACK SIGN	П
400WL - 400 WATT H P S V L		BOXEL - ELECTRICAL BOX	E
42CORR - 42 END SEC CORR		BRUS - BRUSH OR SHRUB	۵
42ESEC - 42 END SEC CONCRETE		CATBAS - CATCH BASIN	(1)

CFNDLI - CONCRETE FOUNDATION LIGHTIN	•	METR - METER	•
DHDWLV - DBL HDWL WITH VEG BARRIER		MH36 - 36 INCH MANHOLE	0
EVERLG - LARGE EVERGREEN		MH42 - 42 INCH MANHOLE	0
EVERSM - SMALL EVERGREEN	$\times$	MH48 - 48 INCH MANHOLE	0
FIRHYD - FIREHYDRANT	•	MH60 - 60 INCH MANHOLE	
FLAGER - FLAGGER		MH72 - 72 INCH MANHOLE	
FLBEAC - FLASHING BEACON	$\leftarrow$	MH84 - 84 INCH MANHOLE	
FPOLE - FEEDPOINT POLE MNTD		MH90 - 90 INCH MANHOLE	
FPPAD - FEED POINT PAD MNTD		MH96 - 96 INCH MANHOLE	
HDWL - HEADWALL	1	MHINLT - MANHOLE WITH INLET	(10)
HIMAS3 - PPSD HIGH MAST LI 3 L		MHSAFM - SANITARY FM HM	0
HIMAS4 - PPSD HIGH MAST LI 4 L		MHSANI - SANITARY MH	0
HIMAS5 - PPSD HIGH MAST LI 5 L		MHSTRM - STORM MH	0
HIMAS6 - PPSD HIGH MAST LI 6 L		MHVSAN - SANITARY MH WITH VALVE	•
HIMAS7 - PPSD HIGH MAST LI7 L		OHLC - OH SIGN LTG LOAD CENTER	
HIMAS8 - PPSD HIGH MAST LI 8 L		PEDHED - PEDESTRIAN HEAD W NUMBER	P1
INLT1 - INLET TYPE 1		PEDPB - PEDESTRIAN PUSH BUTTON POST	•
INLT2 - INLET TYPE 2		PMPSAN - PUMP SANITARY	ø
IT2 - INLET TYPE 2		PMPST - PUMP STORM	ø
IT2D - INLET TYPE 2 DOUBLE		PMPWAT - PUMP WATER	ø
MANHOL - MANHOLE	0	PULBOX - PULL BOX	$\otimes$

RELLIG - RELOCATE LIGHT STANDARD		WELLBO - WELL OR BORE HOLE	•
RRBB - RR BATTERY BOX		WPOLE - WOOD POLE	•
RRSGAR - RR SIGNAL W ARM	\ <del>\</del>	XCB - EXISTING CATCH BASIN	
RRXBUC - RR CROSS BUCK	X	XCI - EXISTING CURB INLET	ate
RRXSG - RR CROSSING SIGNAL	¥	XFH - EXISTING FIRE HYDRANT	q
SHDWLV - SGL HDWL WITH VEG BARRIER		XFLBEC - EXST FLASHING BEACON	¢
SIGHED - SIGNAL HEAD W NUMBER	3	XFOUND - EXISTING FOUNDATION	0
# SNOW18 - SNOW GATE 18 FT		XFPOLE - EXST FEED POINT POLE MNTD	$\bigcirc$
# SNOW28 - SNOW GATE 28 FT	b	XFPPAD - EXST FEED POINT PAD MNTD	
# SNOW40 - SNOW GATE 40 FT		XHDWL - EXISTING HEADWALL	į
SPRKLR - SPRINKLER HEAD	•	XHIMA3 - EXST HIGH MAST LI 3 L	
# STONEC - STONE CIRCLE OR CAIRN		XHIMA4 - EXST HIGH MAST LI4 L	
TOWR - TOWER WINDMILL		XHIMA5 - EXST HIGH MAST LI 5 L	(1)
TREELA - LARGE TREE	<b>3</b>	XHIMA6 - EXST HIGH MAST LI 6 L	(*)
TREESL - SMALL TREE	<b>#</b>	XHIMA7 - EXST HIGH MAST LI7 L	(*)
TREETK - TREETRUNK	<b>©</b>	XHIMA8 - EXST HIGH MAST LI 8 L	*
TRFSIG - TRAFIC SIGNAL POLE MOUNTED	•	XINMH - EXISTING INLET MANHOLE	
TRNFRM - TRANSFORMER	•	XMETR - EXISTING METER	О
TRNPAD - TRANSFORMER PAD MOUNTED		XMHEL - EXISTING MH ELECTRIC	(_)
TRSICS - TRAF SIG CNTRL BOX W SLAB		XMHG - EXISTING MH GAS	(_)
TRSIGC - TRAFFIC SIGNAL CONTROL BOX		XMHSA - EXISTING MH SANITARY	(_)

XMHSAF - EXISTING MH SAN FM	()	XWPOLE - Exst Pole Wood	
XMHSF - EXISTING MH STORM FM	0		
XMHST - EXISTING MH STORM	<u>()</u>		
XMHTE - EXISTING MH TELEPHONE	(_)		
XMHVSA - EX MH VALVE SANITARY	( <u>⊗</u> )		
XMHVST - EX MH VALVE STORM	( <u>⊗</u> )		
XMHVWA - EX MH VALVE WATER	(⊛)		
XMHWA - EXISTING MH WATER	()		
XOHLC - EXST OH SIGN LTG LOAD CNTR	$\bigcirc$		
XPEDHD - EXST PED HEAD W NUMBER	P1		
XPEDPB - EXST PED PUSH BUTTON POST	۰		
XPULBX - EXISTING PULL BOX	$\otimes$		
XSATDSH - Exst Dish Satellite	÷		
XSIGHD - EXISTING SIGNAL HEAD	3		
# XSNW18 - EXST SNOW GATE 18 FT			
# XSNW28 - EXST SNOW GATE 28 FT			
# XSNW40 - EXST SNOW GATE 40 FT			
XSPRIN - EXISTING SPRINKLER HEAD	Ø		
XSRCP - EXISTING SLOTTED RCP	OTO		
XTRSCS - EXST TRAF SIG CTRL PAD MNTD	$\Box$		
XTRSGC - EXST TRAF SIG CTRL BOX			

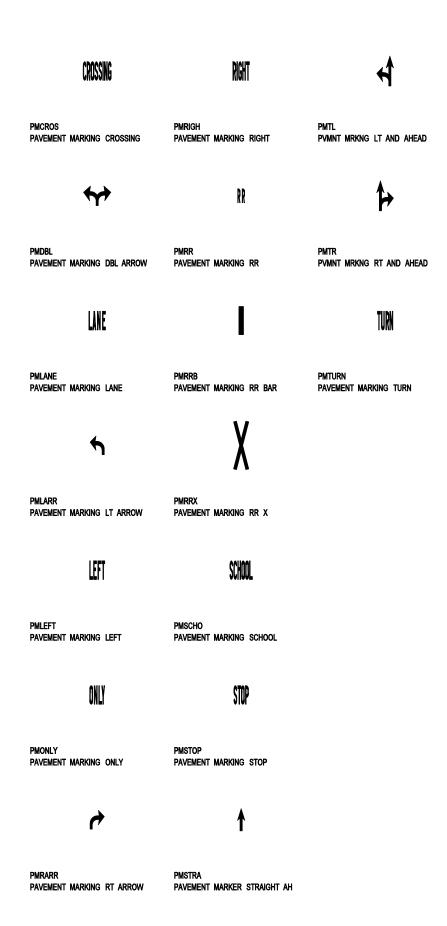
# 409DOC - 23 USC SECTION 409 STAMP	77 SC (49) Novembre SSST Sharves (1) Science	FUDISP - FUEL FILLER PIPE	
ACCESS - ACCESS CONTROL ARROW	<b>^</b>	FUFP - FUEL FILLER PIPE	•
ADP - ALIGNMENT DATA POINT	<b>©</b>	FULKSN - FUEL LEAK SENSOR	•
ALIGNP - ALIGNMENT POINT 3	0	GASVPI - GAS VENT PIPE	ſ
ALIGP2 - ALIGNMENT POINT 2	0	HORCNT - GORIZONTAL CONTROL	Δ
ALIGPT - ALIGNMENT POINT 1	0	HVCONT - HORIXONTAL VERTICAL CONTROL	۵
ARPNSE - SEQUENCING ARROW PANEL	œ	INCLTU - INCLINOMETER TUBE	Incl
ARTFAC - ARTIFACT	×	# INSBAL - INSET BALLOON	•
ATTDE - ATTENUATION DEVICE	$\triangle$	INSPT - INSET POINT	•
CAPGA - GAS CAP OR STUB	3	MBFEDE - FEDERAL MAIL BOX	
CAPSA - SANITARY CAP OR STUB	3	MBPRVT - PRIVATE MAILBOX	0
CAPST - STORM CAP OR STUB	3	MONCNC - MONUMENT CONC TO BE SET	•
CAPWA - WATER CAP OR STUB	3	MONFND - MONUMENT FOUND	0
CSBS - CONT SPLIT BARREL SAMPLE	CSB	MONSET - MONUMENT SET	•
DATM - DATUM	Δ	MONTBS - MONUMENT TO BE SET	•
DEDRUM - DELINEATOR DRUM	•	# NORTHA - NORTH ARROW	À À
DELTYA - TYPE A DELINEATOR	Т	PEDEL - ELECTRICAL PEDESTAL	Ω
DTMSPO - DTM SPOT	×	PEDTE - TELEPHONE PEDESTAL	Ω
EXCAUN - EXCAVATION UNIT		PEDTEV - TELEVISION PEDESTAL	Ω
FAS - FLIGHT AUGER SAMPLE	A A	POL - POLE	0
FLDEL - FLEXIBLE DELINEATOR		POSTE - POST	0

POWPOL - POWER POLE	-	TPLOWR - TELEPHONE POLE TO BE LOWERE	<b>©</b>
PPLOWE - POWER POLE TO BE LOWERED		TPREMV - TELEPHONE POLE TO ME REMOVE	<b>©</b>
PPMOVD - POLER POLE TO BE MOVED	<b>©</b>	TRFCON - TRAFFIC CONES	<b>A</b>
PRBUNP - UNPRODUCTIVE PROBE	0	TTS - THINWALL TUBE SAMPLE	<b></b>
PRNCPT - PRINCIPAL POINT	¢	TUBMKR - TUBULAR MARKER	<b>-</b>
PROPRO - PRODUCTIVE PROBE	•	UTLMKR - UTILITY MARKER	<del>-</del>
QTRSC - QUARTER SECTION CORNER		VLVWA - WATER VALVE	Θ
REFMK - REFERENCE MARKER	٥	# WHATIZ - UNIDENTIFIED FEATURE	WHATIZ
RWMRKR - R W MARKER		XBM - EXST BENCHMARK	<b>⊗</b>
RWPINN - R W MONUMENT	•	XCAPGA - Exst Cap Gas	3
SBS - SPLIT BARREL SAMPLE	SB	XCAPSA - Exst Cap Sanitary	2
SECCNR - SEDCTION CORNER	$\oplus$	XCAPST - Exst Cap Storm	5
SIGNHY - HIGHWAY SIGN	Ė	XCAPWA - Exst Cap Water	3
SIGNPV - PRIVATE SIGN	F	XFNDMN - EXST MONUMENT FOUND	0
SPT - STANDARD PENETRATION TEST	Z	XLP - EXISTING LIGHT POLE	¤
SPTELE - SPOT ELEVATION	×	XPOWPL - EXISTING POWER POLE	-533-
SURP1 - ALIGN PT EX CL 1	0	XRWMKR - EXISTING R W MARKER	(0)
SURP2 - ALIGN PT EX CL 2	⊙	XSETMN - EXST MONUMENT SET	•
SURP3 - ALIGN PT EX CL 3	⊙	XSIGNHY - Exst Sign Highway	Þ
SURP4 - ALIGN PT EX CL 4	⊙	XTRSIG - EXISTING TRAFFIC SIGNAL POL	0
TELEPO - TELEPHONE TELEGRAPH POLE	•	XVLVG - EXISTING VALVE GAS	8

XVLVW - EXISTING VALVE WATER

XWATLV - EXISTING WATER LEVEL

1000WL_SCH - 1000 WATT HPS VAPOR LUM		# OHLC_SCH - OH SIGN LTG LOAD CENTER	LC 1
100WL_SCH - 100 WATT HPS VAPOR LUM		# XFP - EXST FEED POINT	
150WL_SCH - 150 WATT HPS VAPOR LUM		# XHMLST - EXST HM LHT STD	
175WL_SCH - 175 WATT HPS VAPOR LUM	$\bigotimes$	# XHMLUM - EXST HM LUM ASSEMBLY	4
200WL_SCH - 200 WATT HPS VAPOR LUM		# XLHTST - EXST LIGHT STANDARD	
250WCM - 250 WATT CLEAR MERCURY LUM		XLUM - EXST LUMINAIRE	
250WDM - 250 WATT DELUXE MERCURY LUM		# XOHLC_SCH - EXST OH SIGN LTG LOAD CNTR	LC 1
250WL_SCH - 250 WATT HPS VAPOR LUM			
310WL_SCH - 310 WATT HPS VAPOR LUM			
35WL_SCH - 35 WATT HPS VAPOR LUM	0		
400WL_SCH - 400 WATT HPS VAPOR LUM			
50WL_SCH - 50 WATT HPS VAPOR LUM			
700WL_SCH - 700 WATT HPS VAPOR LUM			
70WL_SCH - 70 WATT HPS VAPOR LUM			
CONGRD - GROUND COND CONNECTION	•		
CONNEU - NEUTRAL COND CONNECTION	•		
CONPH1 - PHASE1 COND CONNECTION	•		
CONPH2 - PHASE2 COND CONNECTION	•		
# FP - FEED POINT			
# HMLST - HM LIGHT STANDARD			
# LHTSTD - LIGHT STANDARD			









**BCIPQN** CAST IN PLACE SPEC\_CODE

CONCRETE FORMULAS

QSHTCQ



**RCBDTLW** 

LONG WING DETAIL





BOXHD RCB HYDRAULIC DATA

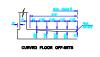
QSHTQY CONC\_REIN QUANTITY

SHORT WING DETAIL

RCBDTSW







**BOXJNT** CONSTUCTION JOINT DETAIL

**RCBBAR** BAR CUTTING DETAIL

**RCBFLR** 10 FT FLOOR OFFSETS







BOXSPL CONSTRUCTION JOINT SPLICE

RCBDTB WING DETAIL B

RIPRAP











**RCBDTC** 





PRECAST SPEC\_CODE

PARAPET DETAIL PARDLT TAPERED PARAPET DETAIL

RCBDTH WING DETAIL H

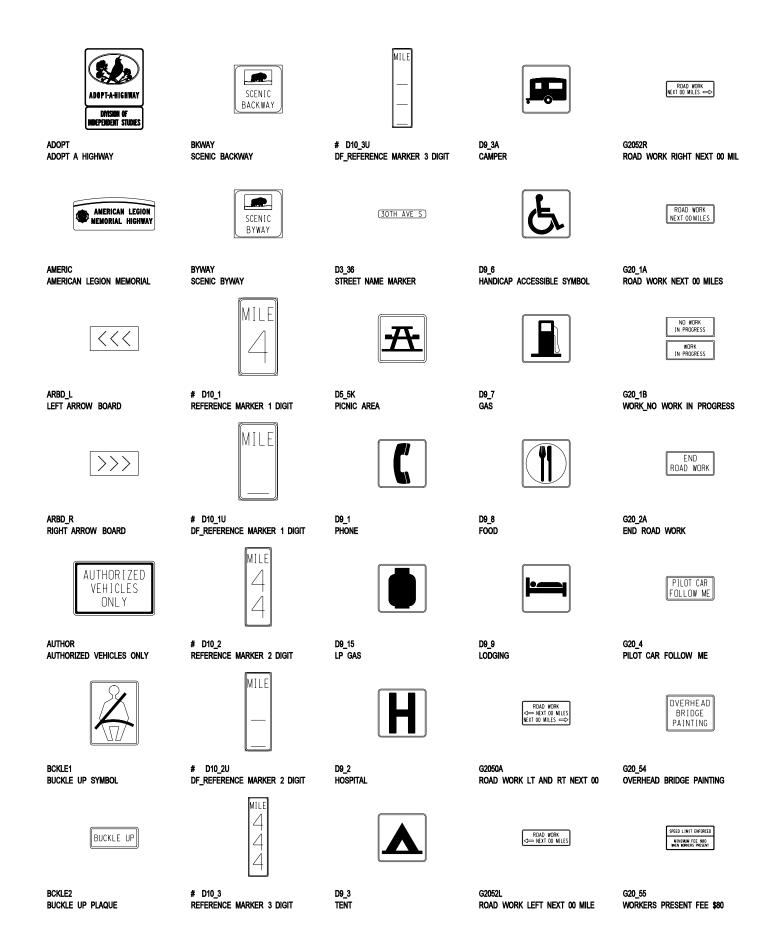
WING DETAIL C

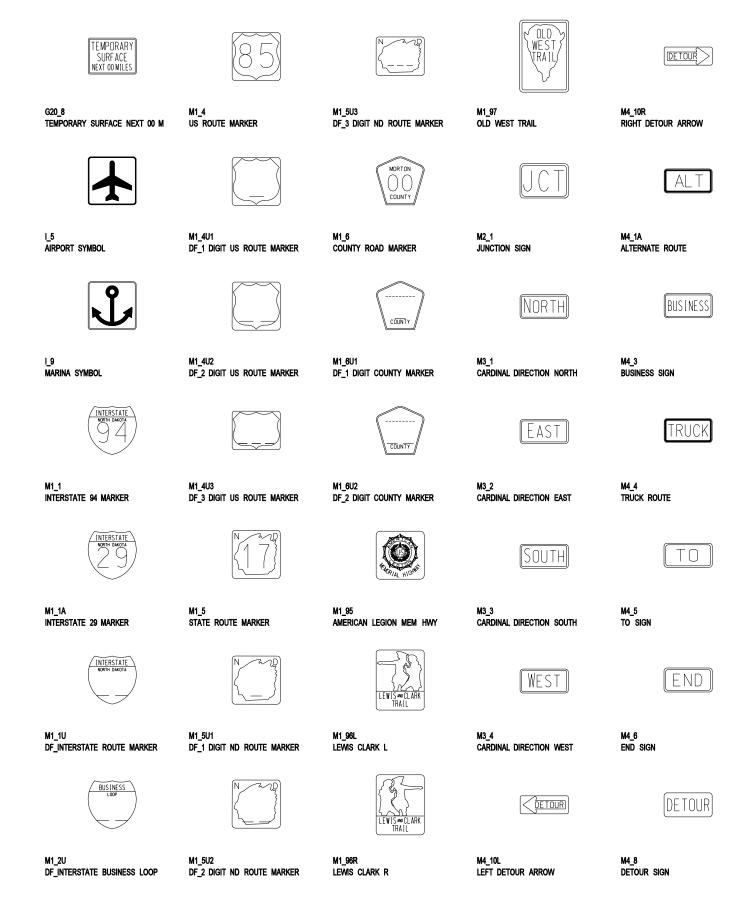


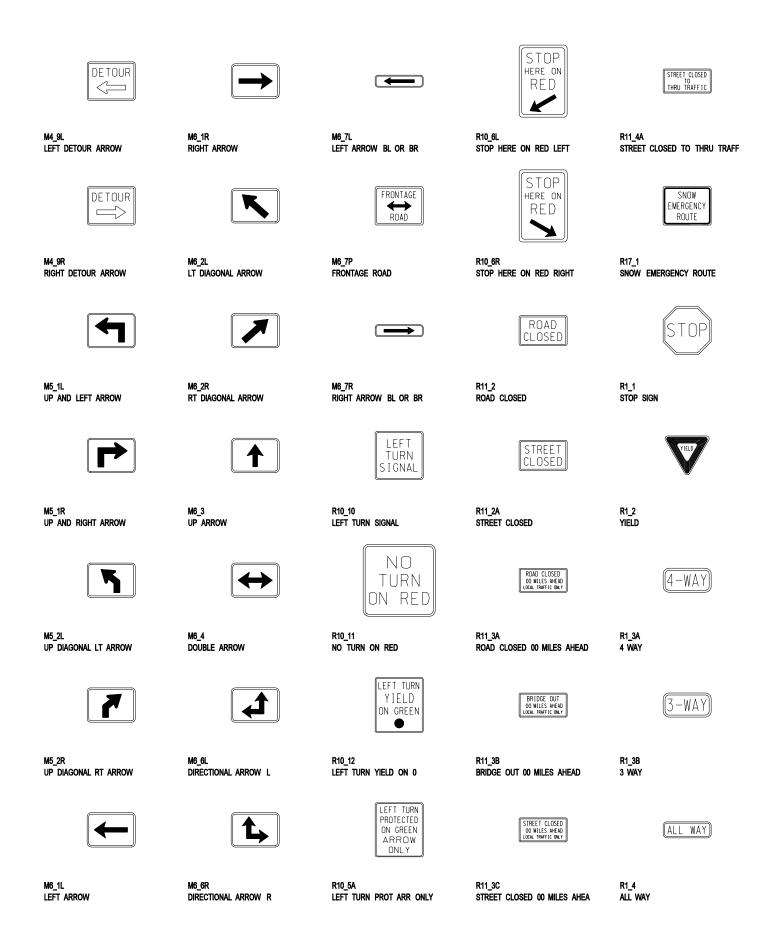


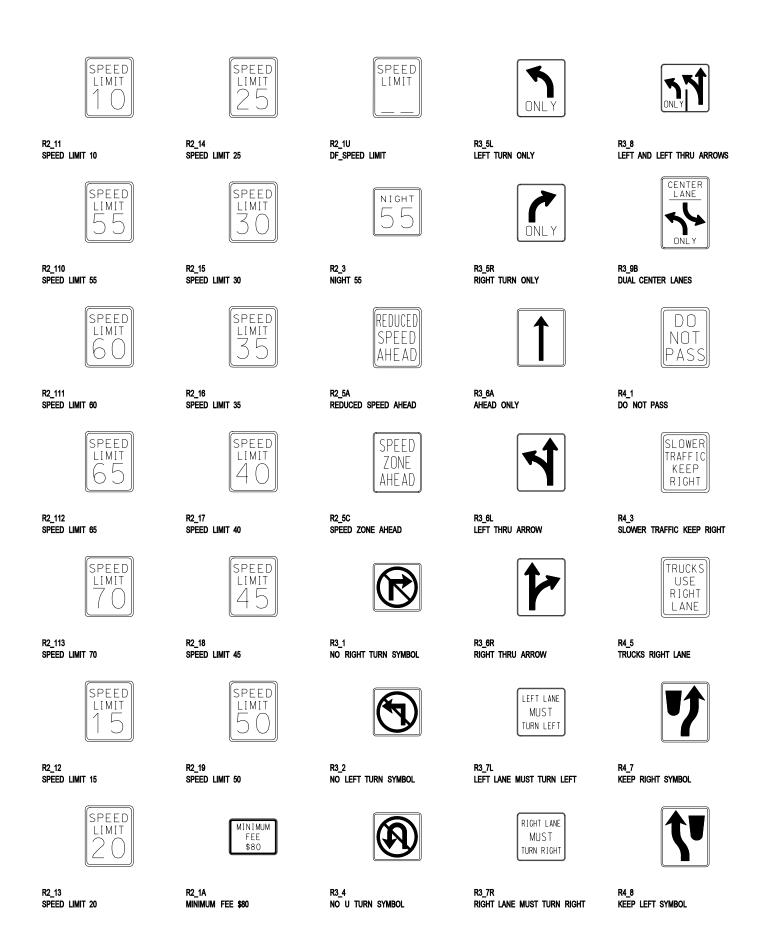
PARDTL PARAPET DETAIL

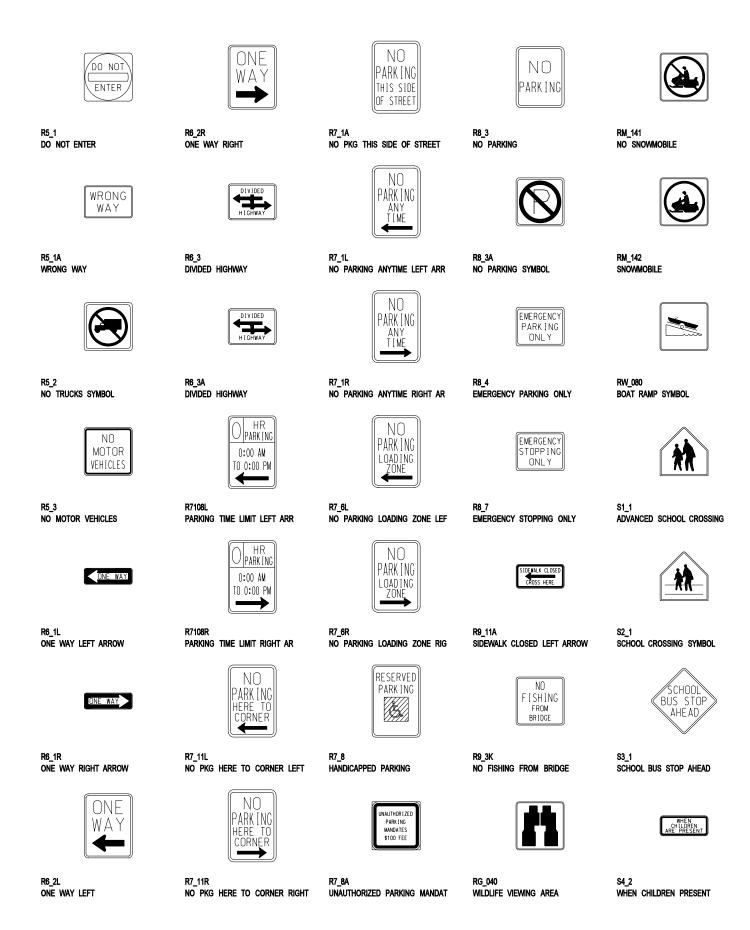
RCBDTI WING DETAIL I

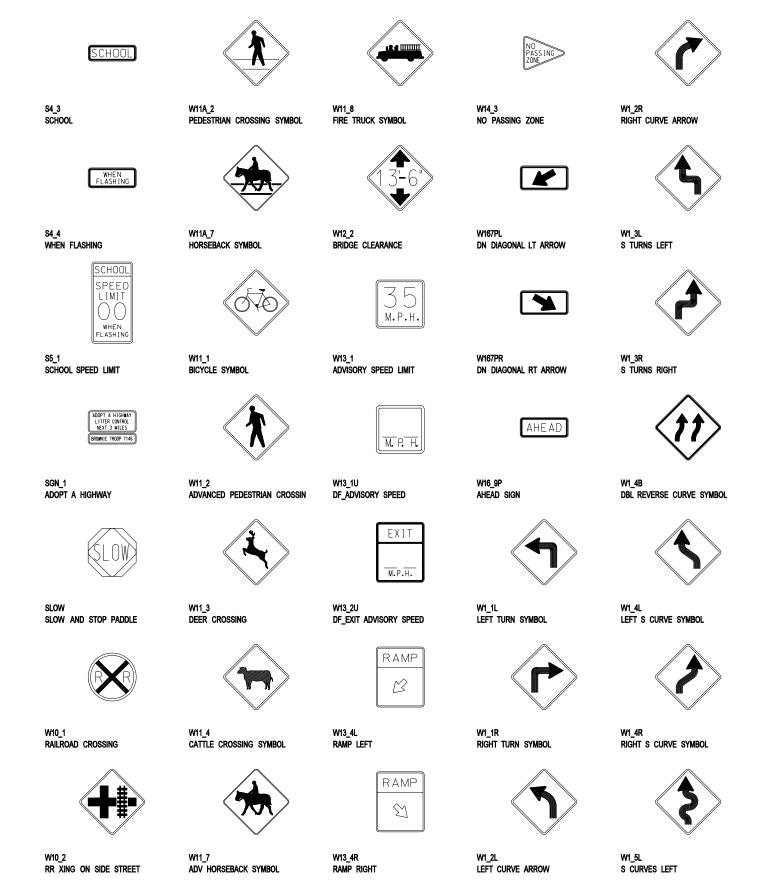


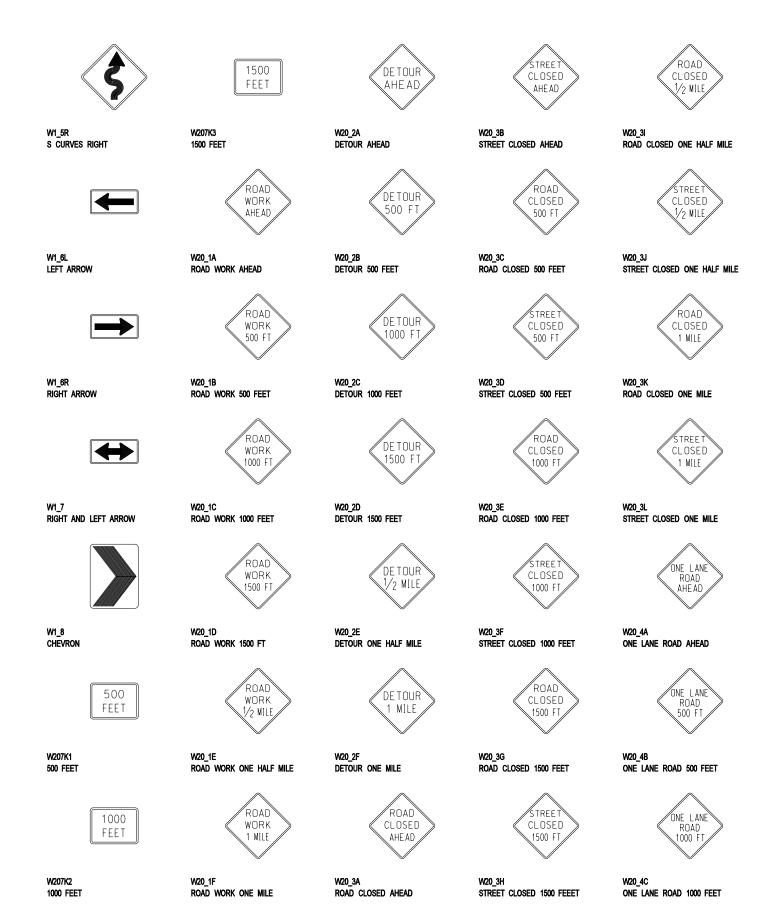


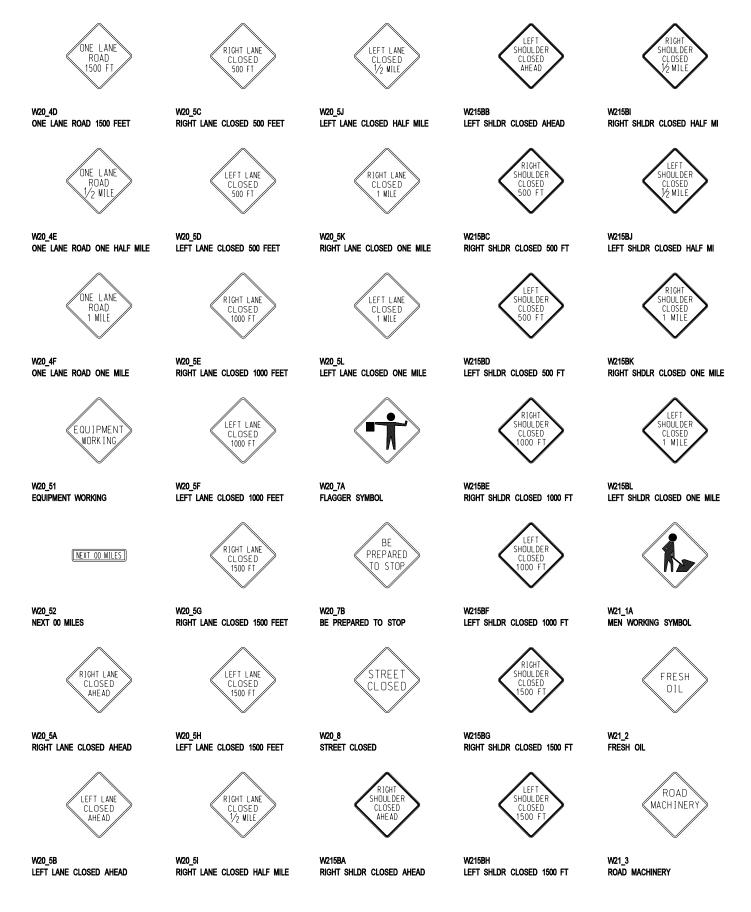














BRIDGE

PAINTING

W21\_5 SHOULDER WORK

W21\_50

BRIDGE PAINTING



W2\_3L EXIT LEFT SYMBOL

W2\_3R

EXIT RIGHT SYMBOL



W3\_3 SIGNAL AHEAD SYMBOL



BR I DGÈ

W5\_2 NARROW BRIDGE



W6\_3 TWO WAY TRAFFIC



W5\_2L BRIDGE MAY BE ICY



W7\_1 HILL SYMBOL



W21 51 MATERIAL ON ROADWAY



W2\_4 T INTERSECTION AHEAD SYMBOL



W4\_1R TRAFFIC MERGING FROM RIGHT

W4\_1L TRAFFIC MERGING FROM LEFT



W5\_3 ONE LANE BRIDGE



W8\_1 BUMP



W21\_6 SURVEY CREW



W2\_5 Y INTERSECTION AHEAD



W4\_2L MERGE RIGHT SYMBOL



# W66\_12 HAZARD MARKER LEFT SIDE



W8\_11 UNEVEN LANES



W22\_8 FRESH OIL LOOSE ROCK



W3\_1 STOP AHEAD



W4\_2R MERGE LEFT SYMBOL



# W67\_12 HAZARD MARKER RIGHT SIDE



W8\_12 NO CENTER STRIPE



W2\_1 INTERSECTION SYMBOL



W3\_1A STOP AHEAD SYMBOL



W4\_3 ADDED LANE



W6\_1 BEGIN DIVIDED HIGHWAY



W8\_3A PAVEMENT ENDS SYMBOL



W2\_2 T INTERSECTION ON SIDE



W3\_2A YIELD AHEAD SYMBOL



W5\_1 ROAD NARROWS



W6\_2 END DIVIDED HIGHWAY



SOFT SHOULDER







W8\_54F TRUCKS ENTERING ONE MILE



W8\_56 TRUCKS EXITING HIGHWAY



W9\_3A CENTER LANE CLOSED SYMBOL



W8\_53
TRUCKS ENTERING HIGHWAY



W8\_55A TRUCKS CROSSING AHEAD



W8\_7 LOOSE GRAVEL



W8\_54A TRUCKS ENTERING AHEAD



W8\_55B TRUCKS CROSSING 500 FT



W8\_9A SHOULDER DROP OFF



W8\_54B TRUCKS ENTERING 500 FEET



W8\_55C TRUCKS CROSSING 1000 FEET



W9\_1L LEFT LANE ENDS



W8\_54C TRUCKS ENTERING 1000 FEET



W8\_55D TRUCKS CROSSING 1500 FEET



W9\_1R RIGHT LANE ENDS



W8\_54D TRUCKS ENTERING 1500 FEET



W8\_55E TRUCKS CROSSING ONE HALF MI



W9\_2L LANE ENDS MERGE LEFT



W8\_54E TRUCKS ENTERING ONE HALF MI



W8\_55F TRUCKS CROSSING ONE MILE



W9\_2R LANE ENDS MERGE RIGHT